

ELEGO

Centauri Carbon 2 Combo

Bring the Magic Box Home



Centauri Carbon 2 Combo is a versatile, multicolor FDM 3D printer for modern homes and creative spaces. It features 4-color printing with RFID detection, a 350°C hardened steel nozzle, and a smart grille for stable printing with high-performance materials. Auto-calibration and quiet operation under 45 dB ensure smooth everyday use across home projects, education, prototyping, and fashion design.

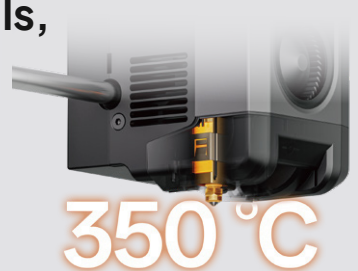
4-Color Printing with CANVAS

Effortlessly start multicolor printing with RFID filament detection, auto loading, and auto-refill.



More Materials, Within Reach

The 350°C hardened steel nozzle unlocks more filament options with excellent heat and wear resistance.



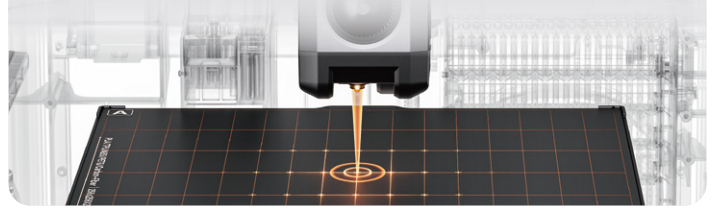
Smart Temperature Control

The new grille design automatically adjusts chamber airflow by opening or closing the shutters.



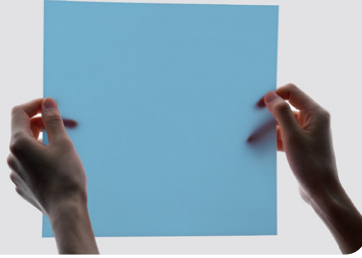
Easy from Start to Finish

Simplify the entire process with upgraded auto-calibration, partial bed leveling, and the system of 19 smart sensors.



Fine Details, Smooth Surfaces

Vibration compensation and pressure advance consistently help deliver smooth surfaces and precise details.



Simple, Intuitive Operation

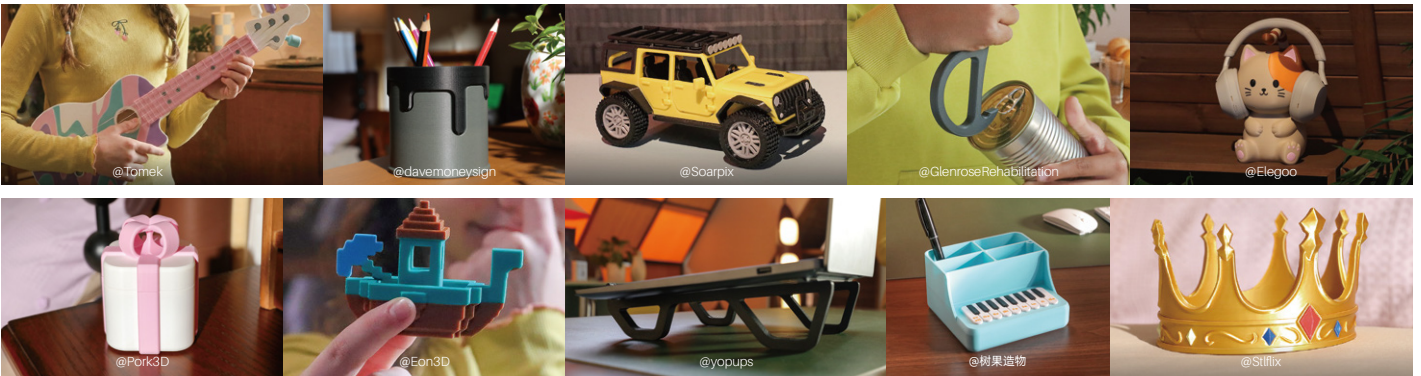
The upgraded 5-inch capacitive touchscreen offers smooth control, with 11 language options.



Specifications

Build Volume	256 × 256 × 256 mm	Max. Heated Bed Temperature	110°C
Product Size (Combo)	500 × 480 × 743 mm	Max. Nozzle Temperature	350°C
Net Weight	19.35 kg	Recommended Filament	PLA, PETG, PLA-CF
Printing Speed	Max 500 mm/s	Filament Diameter	1.75 mm
Nozzle Diameter	0.4 mm (Default)	Slicing Software	ELEGOO Slicer, Orca
Printing Accuracy	± 0.1 mm	Supported File Formats	STL, OBJ, 3MF, STEP
Layer Thickness	0.1–0.4 mm	Printing File Format	G-code
Connectivity	USB, Wi-Fi	Display	5-Inch Full-Color Capacitive Touch Screen

Applications



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